

1 1. A method of programming a non-volatile memory unit in a hard
2 copy output engine comprising:

3 determining a geographical area within which the hard copy output engine
4 is to be deployed;

5 determining an electronic address for a consumables supplier appropriate
6 to the geographical area; and

7 programming the electronic address into the non-volatile memory.

1 2. The method of claim 1, wherein determining an electronic address
2 comprises determining a universal resource locator for an original equipment
3 manufacturer.

1 3. The method of claim 1, wherein determining an electronic address
2 comprises determining a universal resource locator for a reseller of consumable
3 supplies associated with the hard copy output engine.

1 4. The method of claim 1, further comprising programming the non-
2 volatile memory with product descriptors for consumable supplies associated
3 with the hard copy output engine.

1 5. The method of claim 1, further comprising:
2 determining that the electronic address for the consumables supplier is
3 obsolete;

4 determining a revised electronic address for the consumables supplier
5 appropriate to the geographical area; and

6 re-programming the non-volatile memory with the revised electronic
7 address to replace the obsolete electronic address.

1 6. The method of claim 1, wherein the hard copy output engine is
2 chosen from a group consisting of: facsimile machines, photocopiers and
3 printers.

1 7. (Amended) The method of claim 1, wherein determining an electronic
2 address comprises determining a universal resource locator for a supplier chosen
3 from a group consisting of: an original equipment manufacturer, a reseller or a
4 supplier of office supplies including hard copy output engine consumables.

1 8. (Amended) A method of obtaining consumable supplies for a hard
2 copy output engine comprising:
3 determining that an amount of consumable for the hard copy output
4 engine is less than a threshold amount;
5 extracting an electronic address for a vendor of the consumable from a
6 non-volatile memory included in the hard copy output engine; and
7 initiating communication with the vendor using the electronic address.

1 9. The method of claim 8, wherein extracting an electronic address
2 comprises extracting a universal resource locator.

1 10. The method of claim 8, wherein extracting an electronic address
2 comprises extracting a universal resource locator for a vendor of consumables
3 appropriate to a geographical area within which the hard copy output engine is
4 deployed.

1 11. The method of claim 8, wherein initiating communication includes
2 transmitting an electronic message ordering a predetermined quantity of the
3 consumable determined to be present in an amount less than the threshold
4 amount.

1 12. The method of claim 8, wherein determining is in response to a
2 sensor in the hard copy output engine sensing that an amount of the
3 consumable is less than the threshold amount.

1 13. The method of claim 8, wherein initiating communication
2 comprises initiating a servlet.

1 14. The method of claim 8, wherein the hard copy output engine is
2 chosen from a group consisting of: facsimile machines, photocopiers and
3 printers.

1 15. A computer implemented control system for a hard copy output
2 engine, the system comprising:
3 non-volatile memory included in the hard copy output engine and
4 configured to store data representing an electronic address for a supplier of
5 consumables for the hard copy output engine; and
6 processing circuitry configured to:
7 determine that an amount of a consumable for the hard copy
8 output engine is less than a threshold amount;
9 extract the electronic address from the non-volatile memory; and
10 initiate communication with the supplier using the electronic
11 address.

1 16. (Amended) The computer implemented control system of claim
2 15, wherein the processor configured to extract an electronic address comprises
3 a processor configured to extract a universal resource locator for a supplier of
4 consumables appropriate to a geographic area within which the hard copy
5 output engine is deployed.

1 17. The computer implemented control system of claim 15, wherein
2 the processor configured to initiate communication includes a processor
3 configured to transmit an electronic message ordering a predetermined quantity
4 of the consumable determined to be present in an amount less than the
5 threshold amount.

1 18. The computer implemented control system of claim 15, wherein
2 the processor configured to initiate communication includes a processor
3 configured to initiate a servlet.

1 19. The computer implemented control system of claim 15, wherein
2 the hard copy output engine is chosen from a group consisting of: facsimile
3 machines, photocopiers and printers.

1 20. The computer implemented control system of claim 15, wherein
2 the processor configured to extract an electronic address comprises a processor
3 configured to extract a universal resource locator.

1 21. (New) The method of claim 8, wherein the initiating comprises
2 directly initiating communication with the vendor from the hard copy output
3 engine.

1 22. (New) The computer implemented control system of claim 15,
2 wherein the processing circuitry is included in the hard copy output engine.

23 23. (New) A method of obtaining consumable supplies for a hard copy
2 output engine, comprising:
3 determining a geographical area within which the hard copy output engine
4 is to be deployed;
5 determining an electronic address for consumables supplier appropriate to
6 the geographical area;
7 storing the electronic address in the non-volatile memory; and
8 proactively initiating communication with the consumables supplier from
9 the hard copy output engine and using the stored electronic address if an
10 amount of a consumable for the hard copy output engine is less than a
11 predetermined threshold.